



PATIENT	PRESENTING CLINICAL SIGNS
Maisy Durkin	Increasing liver values Abnormal PE/Chem/CBC/UA Results: ALKP 199, ALT 368, Glu 68
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	The urinary bladder is moderately distended with anechoic contents. No masses, inflammatory changes, echogenic sediment or cystoliths are observed. The urinary bladder, trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.
Lab	The right kidney is normal in size (5.73 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.
SEX	The left kidney is normal in size (6.5 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.
Spayed Female	
AGE	Adrenal Glands
10 Years	The right adrenal gland is normal in size (2.5 cm long x 1.9 cm at the cranial pole and 0.66 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.
WEIGHT	The left adrenal gland is normal in size (2.5 cm long x 0.53 cm at the cranial pole and 0.72 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.
59.6 Pounds	
INTERPRETED BY	Spleen
Beth Johnson, DVM DACVIM	The spleen is subjectively normal in size with a normal smooth capsular contour. Parenchyma is appropriately finely textured and homogenous with normal echogenicity relative to surrounding tissue (hyperechoic to liver). No focal nodules or masses are observed. Splenic vasculature appears normal.
IMAGING PERFORMED BY	Liver
Jessica Miller	Liver is normal to subjectively small in size with slightly undulating or scalloped capsular contour or margins. Parenchyma is diffusely heterogenous with increased portal markings and coarse architecture. No focal nodules or masses are observed. Visible vasculature and biliary tree appear normal without distension or congestion.
HOSPITAL NAME	Gastrointestinal
Summit Dog & Cat Hospital	The gallbladder is non-distended in size. The wall is smooth without visible thickening. Luminal contents are primarily anechoic. There is no evidence of cystic or common bile duct dilation.
REFERRING VET	
Dr. Vogler	
INVOICE	The stomach wall is normal in thickness (canine < 0.5 cm and feline < 0.4 cm) and layering. The lumen of the stomach is empty with no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.
41334	
DATE	The visible small intestines are normal in wall thickness and layering (canine duodenum < 0.5 cm and feline duodenum < 0.4 cm; other < 0.3 cm). Small intestinal motility appears adequate (1-3 contractions per min). The lumen of the small intestine is empty with no evidence of obstruction, foreign material or infiltrative disease.
9/15/22	



PATIENT

Maisy Durkin

The visible colon is normal in wall thickness (< 0.2 cm) and layering. Contents are consistent with normal formed feces and gas.

Pancreas

SPECIES

Canine

The pancreatic parenchyma is appropriately isoechoic to surrounding tissue. Visible capsule is smooth and normal in contour. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

BREED

Lab

Free Abdomen

There is no evidence of free peritoneal effusion noted in these images.

There is no apparent lymphadenopathy noted in these images.

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

- Chronic inflammatory hepatopathy pattern

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

10 Years

First recommendation is confirmation of this patient's reported hypoglycemia to determine real versus artifact result.

Given the possible hypoglycemia as well as the subjectively small liver, etc., bile acids are recommended if not already evaluated.

WEIGHT

59.6 Pounds

Testing for Leptospirosis is indicated.

Empirical therapy could include broad-spectrum antibiotics and hepatic nutraceuticals with monitoring of enzymes for improvement. However, if enzymes don't improve and/or continue to progress, liver sampling in the form of a fine needle aspirate or biopsy should be pursued prior to additional empirical therapy.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Jessica Miller

HOSPITAL NAME

Summit Dog & Cat
Hospital

REFERRING VET

Dr. Vogler



INVOICE

41334

DATE

9/15/22



PATIENT

Maisy Durkin

SPECIES

Canine

BREED

Lab

SEX

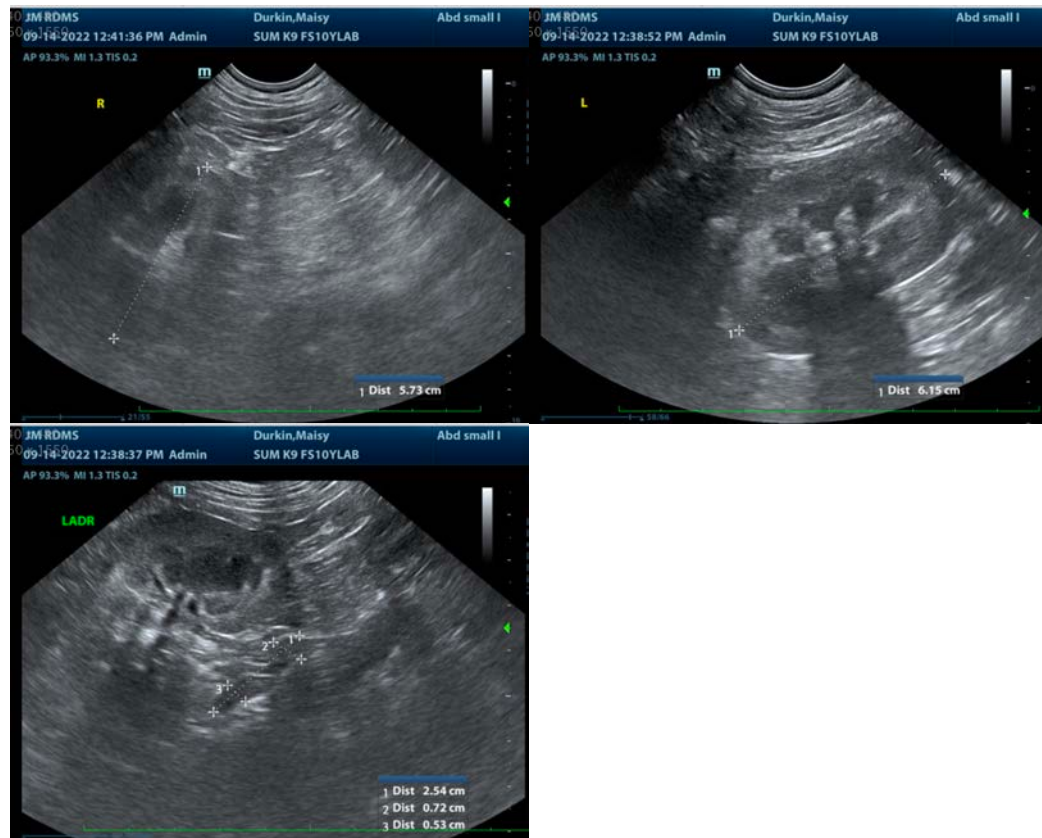
Spayed Female

AGE

10 Years

WEIGHT

59.6 Pounds



INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Jessica Miller

HOSPITAL NAME

Summit Dog & Cat
Hospital

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41334

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

Beth Johnson, DVM, DACVIM
Beth.Johnson@sonopath.com